

CLAIMS:

1. A lighting system comprising:

5 a light emitting element located between a reflective element and an output element, wherein the reflective element reflects light that arrives at the reflective element, wherein the output element permits transmission of outside light that arrives at the output element, and wherein the output element outputs outside light reflected by the reflective element and
10 light emitted by the light emitting element; and

a scattering portion located on the reflective element or between the reflective element and the output element, wherein the scattering portion scatters light that arrives at the scattering portion.

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2. The lighting system according to claim 1, wherein the scattering portion is located on part of the lighting system other than the reflective element.

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3. The lighting system according to claim 2, wherein the scattering portion is located between the light emitting element and the output element.

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4. The lighting system according to claim 1, wherein the scattering portion is an interface between two of the elements of the lighting system, which interface has scattering bodies, and wherein the scattering bodies are minute concavities and convexities.

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5. The lighting system according to claim 1, wherein the scattering portion is a layer, which includes scattering bodies, and wherein the scattering bodies are minute particles.

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6. The lighting system according to claim 1, further comprising a substrate, wherein the light emitting element is

located between the substrate and the output element.

7. The lighting system according to claim 1, wherein the light emitting element is formed as a sheet.

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8. The lighting system according to claim 1, wherein the light emitting element is an electroluminescent element.

9. The lighting system according to claim 8, wherein
10 the reflective element and the output element are electrodes, and wherein the electroluminescent element performs electroluminescence when a voltage is applied to the electrodes.

15 10. The lighting system according to claim 9, wherein the entire electroluminescent element emits light when a voltage is applied to the electrodes.

11. The lighting system according to claim 8, wherein
20 the electroluminescent element includes an organic electroluminescent material.

12. A display comprising;

a lighting unit, wherein the lighting unit includes:

25 a light emitting element located between a reflective element and an output element, wherein the reflective element reflects light that arrives at the reflective element, wherein the output element permits transmission of outside light that arrives at the output
30 element, and wherein the output element outputs outside light reflected by the reflective element and light emitted by the light emitting element; and

a scattering portion located on the reflective
element or between the reflective element and the output
35 element, wherein the scattering portion scatters light

that arrives at the scattering portion; and
a display unit located on the output element, wherein the display unit displays an image using light output from the output element.

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13. The display according to claim 12, wherein the display unit includes a plurality of liquid crystal elements.

10 14. The display according to claim 12, wherein the scattering portion is an interface between two of the elements of the lighting unit, which interface has scattering bodies, and wherein the scattering bodies are minute concavities and convexities.

15 15. The display according to claim 12, wherein the scattering portion is a layer, which includes scattering bodies, and wherein the scattering bodies are minute particles.

20 16. The display according to claim 15, wherein the layer further includes an adhesive, and wherein the layer attaches the lighting unit to the display unit.

25 17. The display according to claim 12, wherein the light emitting element is an electroluminescent element.

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18. The display according to claim 17, wherein the electroluminescent element includes an organic electroluminescent material.

30 19. A display comprising;
a lighting unit, wherein the lighting unit includes:
a light emitting element located between a
reflective element and an output element, wherein the
reflective element reflects light that arrives at the
35 reflective element, wherein the output element permits

transmission of outside light that arrives at the output element, and wherein the output element outputs outside light reflected by the reflective element and light emitted by the light emitting element;

5 a display unit located on the output element, wherein the display unit displays an image using light output from the output element; and

 a scattering portion located between the lighting unit and the display unit, wherein the scattering portion scatters
10 light that arrives at the scattering portion.

 20. The display according to claim 19, wherein the scattering portion is an adhesive layer, which adhesive layer includes scattering bodies, wherein the scattering bodies are
15 minute particles, and wherein the adhesive layer attaches the lighting unit to the display unit.